

## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/914,176B  
Source: P47110  
Date Processed by STIC: 7/5/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 07/05/2005

PATENT APPLICATION: US/09/914,176B

TIME: 11:25:03

Input Set : A:\78104028.ST25.txt

Output Set: N:\CRF4\07052005\I914176B.raw

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3 <110> APPLICANT: French, Gary
4     Anthony, Richard
5     Brown, Timothy
7 <120> TITLE OF INVENTION: Identification of Bacteria by Amplification and Probing
9 <130> FILE REFERENCE: 78104.028
11 <140> CURRENT APPLICATION NUMBER: US 09/914,176B
12 <141> CURRENT FILING DATE: 2001-08-24
14 <150> PRIOR APPLICATION NUMBER: PCT/GB00/00740
15 <151> PRIOR FILING DATE: 2000-03-01
17 <150> PRIOR APPLICATION NUMBER: GB 9904804.3
18 <151> PRIOR FILING DATE: 1999-03-02
20 <160> NUMBER OF SEQ ID NOS: 63
22 <170> SOFTWARE: PatentIn version 3.2
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25 <211> LENGTH: 23
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial
29 <220> FEATURE:
30 <223> OTHER INFORMATION: PCR Primer
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37 <211> LENGTH: 22
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial
41 <220> FEATURE:
42 <223> OTHER INFORMATION: PCR Primer
44 <400> SEQUENCE: 2
45 ttgcctttc cctcaggta ct                                22
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50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial
53 <220> FEATURE:
54 <223> OTHER INFORMATION: PCR Primer
56 <400> SEQUENCE: 3
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61 <211> LENGTH: 23
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial
65 <220> FEATURE:
66 <223> OTHER INFORMATION: PCR Primer

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69 atagccccgt atctgaagat gct 23
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74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial
77 <220> FEATURE:
78 <223> OTHER INFORMATION: PCR Primer
80 <400> SEQUENCE: 5
81 ccagagcctg aatcagtgtg t 21
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 23
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial
89 <220> FEATURE:
90 <223> OTHER INFORMATION: PCR Primer
92 <400> SEQUENCE: 6
93 tcccgtacac taaaacgcac agg 23
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 23
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial
101 <220> FEATURE:
102 <223> OTHER INFORMATION: PCR Primer
104 <400> SEQUENCE: 7
105 tcccgtacac caaaatgcac agg 23
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial
113 <220> FEATURE:
114 <223> OTHER INFORMATION: PCR Primer
116 <400> SEQUENCE: 8
117 cagagcctga atcagtatgt g 21
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121 <211> LENGTH: 23
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial
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128 <400> SEQUENCE: 9
129 tcccgtacac gaaaatgcac agg 23
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial
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141 cccgtacaca aaaatgcaca	20
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149 <220> FEATURE:	
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156 <210> SEQ ID NO: 12	
157 <211> LENGTH: 22	
158 <212> TYPE: DNA	
159 <213> ORGANISM: Artificial	
161 <220> FEATURE:	
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165 agaagaatga tttggaaga tc	22
168 <210> SEQ ID NO: 13	
169 <211> LENGTH: 22	
170 <212> TYPE: DNA	
171 <213> ORGANISM: Artificial	
173 <220> FEATURE:	
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176 <400> SEQUENCE: 13	
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180 <210> SEQ ID NO: 14	
181 <211> LENGTH: 22	
182 <212> TYPE: DNA	
183 <213> ORGANISM: Artificial	
185 <220> FEATURE:	
186 <223> OTHER INFORMATION: PCR Primer	
188 <400> SEQUENCE: 14	
189 gtgaggagaa tgtgttgga ag	22
192 <210> SEQ ID NO: 15	
193 <211> LENGTH: 21	
194 <212> TYPE: DNA	
195 <213> ORGANISM: Artificial	
197 <220> FEATURE:	
198 <223> OTHER INFORMATION: PCR Primer	
200 <400> SEQUENCE: 15	
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204 <210> SEQ ID NO: 16	
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206 <212> TYPE: DNA	
207 <213> ORGANISM: Artificial	
209 <220> FEATURE:	
210 <223> OTHER INFORMATION: PCR Primer	
212 <400> SEQUENCE: 16	
213 ggtagtctgt tagtatagtt gaag	24

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218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial
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224 <400> SEQUENCE: 17
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229 <211> LENGTH: 20
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial
233 <220> FEATURE:
234 <223> OTHER INFORMATION: PCR Primer
236 <400> SEQUENCE: 18
237 agaagaacta cctggaaggt 20
240 <210> SEQ ID NO: 19
241 <211> LENGTH: 22
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial
245 <220> FEATURE:
246 <223> OTHER INFORMATION: PCR Primer
248 <400> SEQUENCE: 19
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253 <211> LENGTH: 30
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255 <213> ORGANISM: Artificial
257 <220> FEATURE:
258 <223> OTHER INFORMATION: PCR Primer
260 <400> SEQUENCE: 20
261 acggagttac aaaagtatat attagttttt 30
264 <210> SEQ ID NO: 21
265 <211> LENGTH: 24
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: PCR Primer
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276 <210> SEQ ID NO: 22
277 <211> LENGTH: 26
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial
281 <220> FEATURE:
282 <223> OTHER INFORMATION: PCR Primer
284 <400> SEQUENCE: 22
285 gggtgtagga cactctatac ggagtt 26
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289 <211> LENGTH: 30
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291 <213> ORGANISM: Artificial
293 <220> FEATURE:
294 <223> OTHER INFORMATION: PCR Primer
296 <400> SEQUENCE: 23
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300 <210> SEQ ID NO: 24
301 <211> LENGTH: 25
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial
305 <220> FEATURE:
306 <223> OTHER INFORMATION: PCR Primer
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309 acggagttac aaaagaacat gttag 25
312 <210> SEQ ID NO: 25
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314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial
317 <220> FEATURE:
318 <223> OTHER INFORMATION: PCR Primer
320 <400> SEQUENCE: 25
321 atggagttac aaaagaatcg attag 25
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325 <211> LENGTH: 30
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial
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333 acggagttac aaaggaatat attagttttt 30
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337 <211> LENGTH: 22
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339 <213> ORGANISM: Artificial
341 <220> FEATURE:
342 <223> OTHER INFORMATION: PCR Primer
344 <400> SEQUENCE: 27
345 cgtattgtta gccgaacgct ct 22
348 <210> SEQ ID NO: 28
349 <211> LENGTH: 22
350 <212> TYPE: DNA
351 <213> ORGANISM: Artificial
353 <220> FEATURE:
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356 <400> SEQUENCE: 28
357 agccctgtat ctgaaagggc ca 22
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361 <211> LENGTH: 30

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/05/2005  
PATENT APPLICATION:    US/09/914,176B      TIME: 11:25:04

Input Set : A:\78104028.ST25.txt  
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**Invalid <213> Response:**

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

Seq#:52,53,54,55,56,57,58,59,60,61,62,63

**VERIFICATION SUMMARY**

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